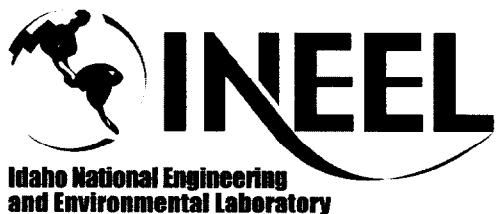


Plan

Quality Program Plan for the INEEL CERCLA Disposal Facility Complex

Prepared for:
U.S. Department of Energy
Idaho Operations Office
Idaho Falls, Idaho



Form 412.14
07/24/2001
Rev. 03

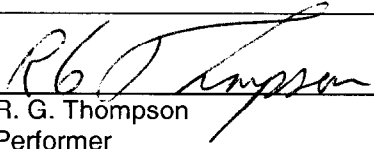
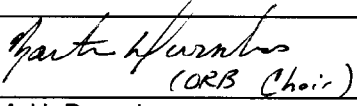
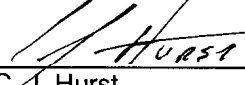
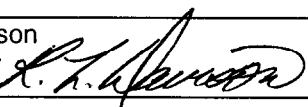
DOCUMENT MANAGEMENT CONTROL SYSTEM (DMCS)

DOCUMENT APPROVAL SHEET

Document Type: <u>Plan</u>	Document Identifier: <u>PLN-873</u>
Title: <u>Quality Program Plan for the INEEL CERCLA Disposal Facility Complex</u>	
Author: <u>Robert G. Thompson</u>	Project No. (if applicable): _____
Document Owner: <u>Manager, Waste Area Group 3</u>	Phone: <u>6-9618</u>
	Phone: <u>6-7676</u>

REVIEW CONCURRENCE AND APPROVAL SIGNATURES

Denote R for review concurrence, A for approval, Ac for acceptance, as appropriate.

Type or printed name	R/A	Date	Organization	Mailing Address
Signature				
 R. G. Thompson Performer	R	3/11/02	3180	3930
Checker (Same as Independent Peer Reviewer)	R		3150	
 (ORB Chair) M. H. Doornboss Independent Peer Reviewer	A	3/8/02	3150	3930
 C. J. Hurst Approver	A	3/11/02	3150	3930
 R. L. Davison Requester	Ac	3/11/02	3150	3930

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Document Control Center: (208) 526-0362	Document Owner: Manager, WAG 3	Page: 1 of 21
		Effective Date: 03/07/2002

Change Number: DAR 82499

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ACRONYMS

ASME	American Society of Mechanical Engineers
BBWI	Bechtel, BWXT Idaho, LLC
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFA	Central Facilities Area
CFR	Code of Federal Regulations
CQA	construction quality assurance
DOE	Department of Energy
DOE-ID	Department of Energy Idaho Operations Office
EPA	Environmental Protection Agency
ER	Environmental Restoration (Program)
ESH&Q	Environment, Safety, Health, and Quality
FFA/CO	Federal Facility Agreement and Consent Order
ICDF	INEEL CERCLA Disposal Facility
IDEQ	Idaho Department of Environmental Quality
INEEL	Idaho National Engineering and Environmental Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
MCP	management control procedure
M&O	management and operations
OU	operable unit
PM	project manager
QA	quality assurance
QPP	Quality Program Plan
RadCon	radiological control

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SAD site area director

SH&QA safety, health, and quality assurance

SMO Sample Management Office

SSSTF Staging, Storage, Sizing, and Treatment Facility

WAG waste area group

WGS Waste Generator Services

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1. PURPOSE AND SCOPE

This *Quality Program Plan* (QPP) establishes quality assurance requirements for the INEEL CERCLA Disposal Facility (ICDF) Complex at the Idaho Nuclear Technology and Engineering Center (INTEC) on the Idaho National Engineering and Environmental Laboratory (INEEL). The work covered includes the scope identified in Department of Energy Idaho Operations Office (DOE-ID) document *Remedial Design/Remedial Action Scope of Work for Waste Area Group 3, Operable Unit 3-13* (DOE-ID 2000a).

The ICDF Complex comprises two components: the Staging, Storage, Sizing, and Treatment Facility (SSSTF) and the ICDF. The SSSTF is the treatment facility associated with ICDF and will treat some waste destined for ICDF. Most of the waste destined for ICDF will not require treatment. The second part of the ICDF Complex is the landfill itself with the associated evaporation ponds. The landfill construction started during summer 2001. The summer 2001 work included excavation and construction of a test pad. During Fiscal Years 2002 and 2003 the landfill will be completed and the construction of the SSSTF will occur.

This QPP encompasses all activities during the completion of the design, construction, and initial operational testing by the contractor and any subcontractor but does not address activities performed during the project by the DOE-ID. This QPP will be evaluated before the start of continuous operations of the ICDF Complex to determine the future need for the plan or revision to the plan.

The ICDF project shall

- Develop project plans and baseline documentation including design disclosure documents
- Develop the required plans (quality; environmental, health, and safety; emergency preparedness; configuration management; waste minimization; pollution prevention; groundwater monitoring; and readiness evaluation) and associated practices and procedures needed to accomplish the project
- Monitor project activities performed at the Operable Unit (OU) 3-13
- Assess all construction project activities for compliance to stated requirements.

Additional technical information about the ICDF Complex may be found in

- DOE/ID-10721, *Remedial Design/Remedial Action Scope of Work for Waste Area Group 3, Operable Unit 3-13*, Revision 1, February 2000 (DOE-ID 2000a).
- DOE/ID-10847, *INEEL CERCLA Disposal Facility (Title I)*, Vols. 1–5, Revision 0, July 2001, (DOE-ID 2001a).

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- DOE/ID-10825, *Staging, Storage, Sizing, and Treatment Facility (SSSTF) 30% Design*, Revision 0, December 2000 (DOE-ID 2000b).

A Quality List for this project is not required since all equipment and the design have been categorized as low safety consequence.

This QPP meets the applicable requirements specified in Department of Energy (DOE) Orders; codes, standards, and regulations governing quality programs imposed by the DOE-ID; and the Contractor's INEEL quality assurance program requirements documents (PRDs). Those PRDs are PRD-5070 through PRD-5093, which can be found in Manual 13A, *Quality and Requirements Management Program Documents* (Quality and Requirements Management Program 2001).

2. CODES, STANDARDS, AND REGULATIONS

The codes, standards, and regulations that apply to the ICDF project are listed in *Remedial Design/Remedial Action Scope of Work for Waste Area Group 3, Operable Unit 3-13* (DOE-ID 2000a). The major quality-assurance-related codes, standards, and regulations are DOE Order 414.1A, 10 CFR 830 Subpart A, ASME NQA-1, and EPA QA/R-5.

3. ORGANIZATIONAL RESPONSIBILITIES

This section addresses managerial and administrative responsibilities that affect and control quality assurance. The Independent Oversight Group evaluates the achievement of quality. Independent internal assessments and monitoring are performed by project quality assurance personnel. The project manager will implement the internal quality monitoring and assessment activities by establishing and maintaining an internal assessment and monitoring schedule. Scheduled assessments will be reviewed and updated annually as required by the management control procedure (MCP) "Self-Assessment Process for Continuous Improvement" (MCP-8). The project's quality engineers and other personnel with expertise in the activity will perform assessments. Both the assessor and monitor are to be independent from the performance or scheduling of activities being assessed or monitored.

The organizational responsibilities of the ICDF project reflect the resources and expertise required for performing the work, while minimizing risks to worker health and safety and the environment. In addition, organizational responsibilities include the assurance that compliance is achieved in accordance with applicable requirements established by the contractor, DOE-ID, the State of Idaho Department of Environmental Quality (IDEQ), and the Environmental Protection Agency (EPA). The key positions of this organization are described below and shown on the ICDF organization chart (Figure 1) and the SSSTF organization chart (Figure 2).

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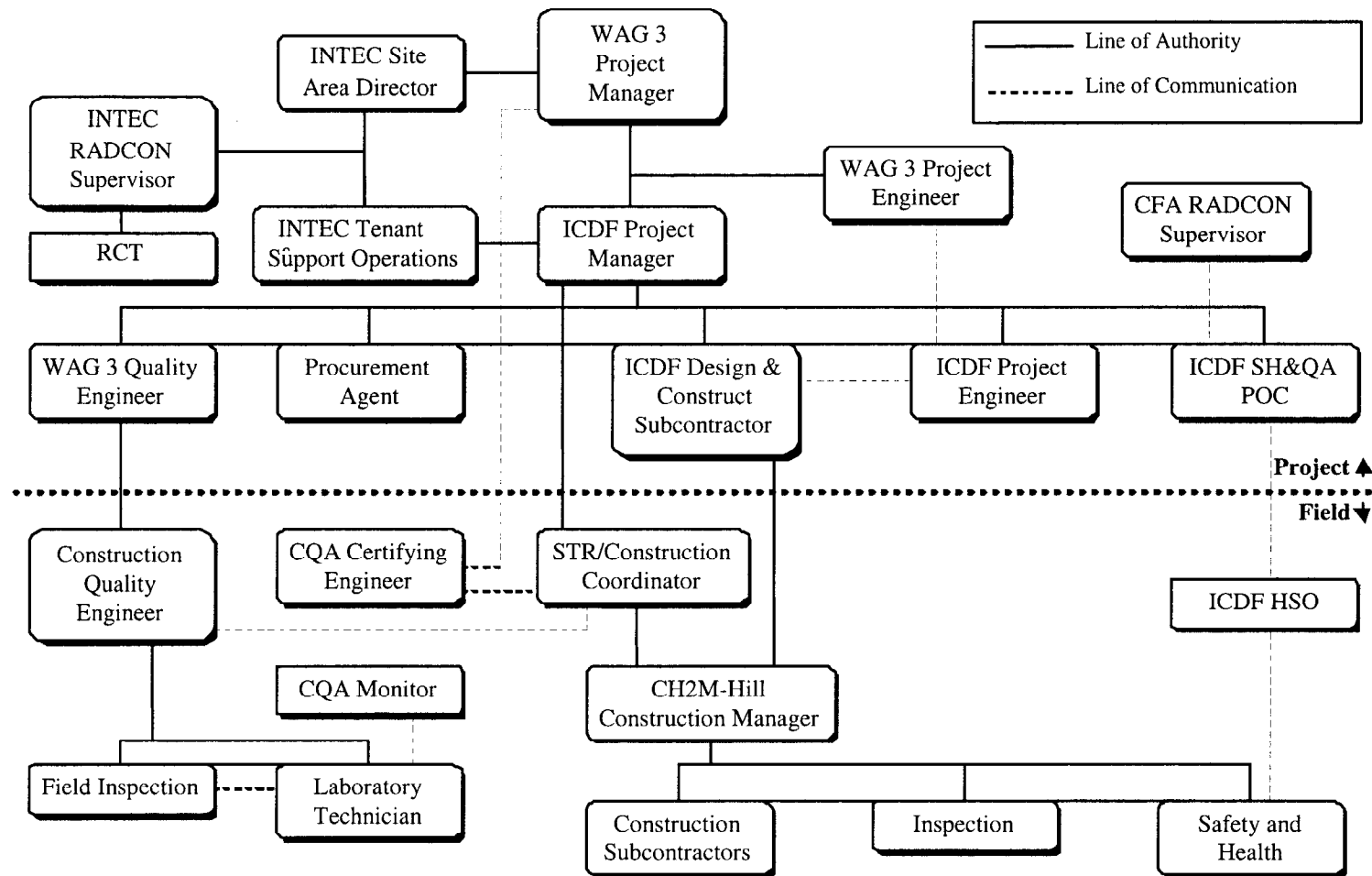


Figure 1. ICDF Complex construction organization chart.

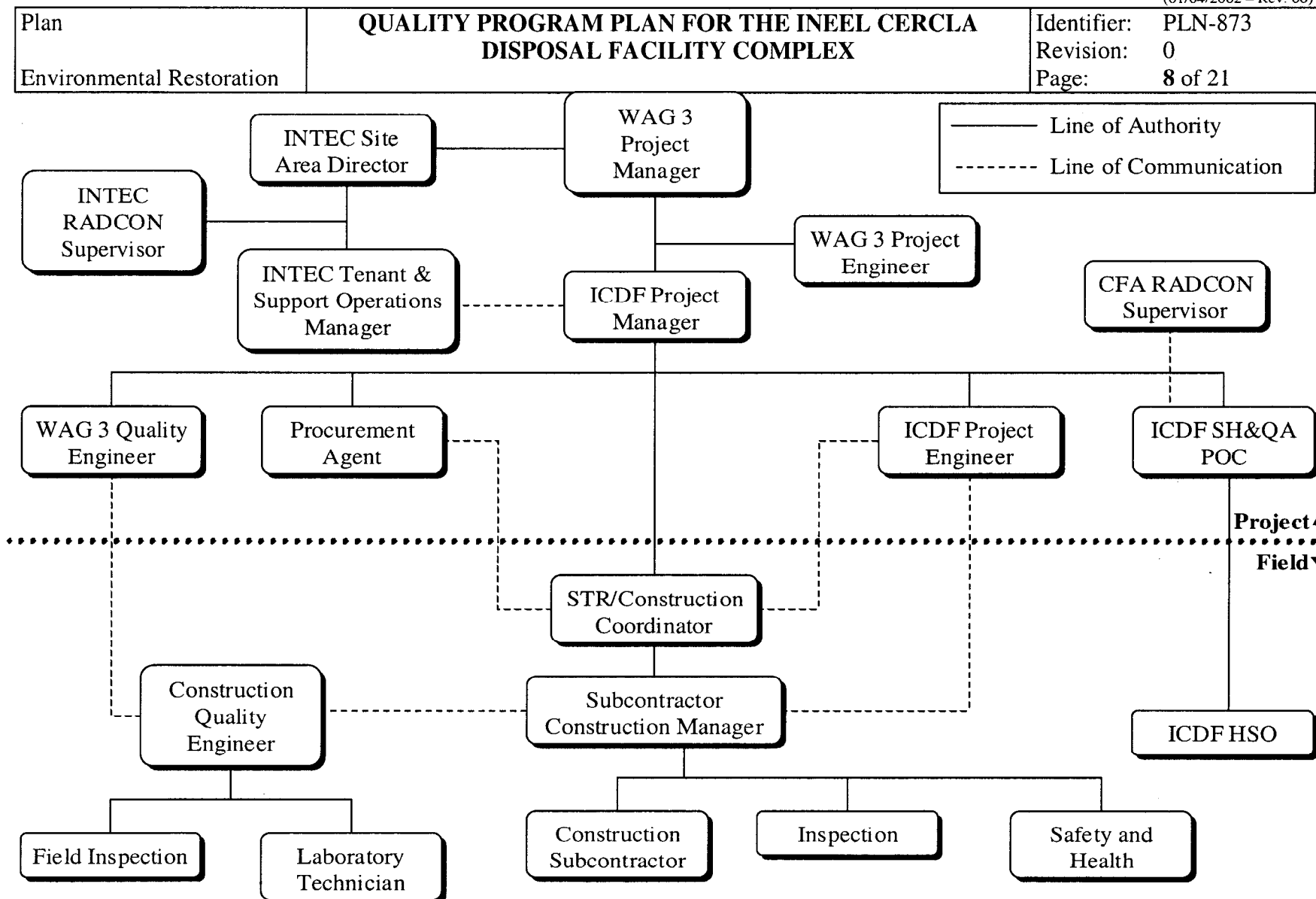


Figure 2. SSSTF construction organization chart.

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Further refinement of the responsibilities and interfaces for the activities performed at INTEC are documented in an interface agreement between the ICDF project and INTEC.

3.1 Bechtel, BWXT Idaho, LLC

Bechtel, BWXT, Idaho, LLC (BBWI), as the management and operations (M&O) contractor for DOE-ID, is responsible for the Environmental Restoration (ER) Program at the INEEL. The Environmental Restoration Directorate executes this responsibility. Using risk-based decisions, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) -regulated inactive waste sites are characterized and remediated as required in the *Federal Facility Agreement and Consent Order* (FFA/CO) (DOE-ID 1991). Typical remediation processes involve identification, retrieval, processing, and disposition of the waste within environment, safety, health, and quality (ESH&Q) requirements. The ICDF project will process and dispose of waste from remediation projects.

3.2 INTEC Site Area Director

The responsibility of the INTEC site area director (SAD) is to ensure ICDF project activities are coordinated within the INTEC operations and safety authorization basis.

3.3 Waste Area Group 3 Manager

The overall responsibility of the Waste Area Group (WAG) 3 manager is to ensure that the ICDF project meets the agreements and requirements defined in the *Remedial Design/Remedial Action Scope of Work* (DOE-ID 2000a). This responsibility includes the overall planning, organizing, directing, measuring, and reporting of project performance. Effective and timely communications with DOE-ID, EPA, IDEQ, legal organizations, and BBWI are a pivotal part of this responsibility. Other specific responsibilities that the WAG 3 manager executes include

- Planning and integrating the projects
- Establishing and maintaining the technical, cost, and schedule baselines for the project, including performance measurement, control, and reporting requirements
- Forecasting and managing funding requirements
- Identifying, characterizing, and coordinating configuration change requirements involving baselines

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- Preparing quarterly and year-end project reports for DOE-ID
- Providing project personnel with contractually mandated training
- Managing project risks
- Managing self-assessments
- Serving as the BBWI point of contact for organization, coordination, and participation in Agency meetings, conference calls, customer briefings, and news media inquiries relative to WAG 3
- Approving change control submittals.

3.4 ICDF Project Manager

Through delegation from the WAG 3 manager, the ICDF project manager is responsible to implement requirements and ensure work is performed, on a day-to-day basis, as planned for the ICDF project. This responsibility includes developing resource-loaded, time-phased control account plans based on the ICDF project technical, budget, and schedule baselines provided by the director. Additionally, the project manager is also responsible for and may delegate other specifically assigned project tasks, some of which include

- Supporting the WAG 3 manager in providing coordination and direction to the design, procurement, construction, operating & maintenance, systems engineering, project control, quality assurance, health & safety, and environmental functions assigned to the project
- Managing to technical, cost, and schedule baselines
- Implementing the work authorization process
- Identifying and forecasting funding requirements
- Implementing the change control process
- Managing project control activities of reporting, forecasting, and corrective action
- Identifying programmatic risks associated with the project
- Providing high-level technical direction to all project functions

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- Coordinating system engineering, configuration, and records management activities
- Directing procurement and construction activities
- Developing appropriate FFA/CO documentation
- Generating and maintaining the Q List, if necessary
- Fulfilling the facility manager role during design/construction until a facility manager is assigned.

3.5 WAG 3 Project Engineer

The WAG 3 project engineer is responsible to the WAG 3 manager and ICDF project manager for providing day-to-day liaison for the management and coordination of the design activities. This function also includes direct liaison with the individual task managers for project control and reporting purposes.

3.6 ICDF Project Engineer

The ICDF project engineer is responsible to the ICDF project manager for providing day-to-day liaison for the management and coordination of design activities for ICDF. In addition, the ICDF project engineer is responsible for configuration management activities associated with the ICDF Complex.

3.7 BBWI Procurement Agent

The BBWI procurement agent is responsible to the ICDF project manager for providing day-to-day liaison for the management and coordination of the procurement activities for the project.

3.8 Construction Coordinator

The construction coordinator is responsible to the ICDF project manager for the overall coordination and/or management of construction activities for the project. The construction coordinator leads constructability reviews.

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3.9 WAG 3 Quality Engineer

The WAG 3 quality engineer is assigned by the Quality Field Support and ER safety, health, and quality assurance (SH&QA) department managers and interfaces with other quality assurance (QA) organizations to ensure coordination and all applicable requirements are addressed by the ER Program and projects. Additional responsibilities include

- Assesses programs and identifies abnormal performance and potential problems
- Evaluates work performance and process effectiveness of all program elements
- Identifies and documents noteworthy practices
- Identifies opportunities for improvement
- Reviews and comments on performance specifications
- Assures project manager is cognizant of current quality requirements
- Generates quality requirements for the special conditions and vendor data schedules
- Oversees or has evaluated inspections by the construction quality assurance (CQA) subcontractor
- Reviews and approves construction interface documents
- Performs QA-related worker and management self-assessments
- Reviews all programmatic documents to ensure quality program requirements are incorporated
- Monitors work processes to determine if the quality program has been implemented
- Participates in design reviews, operational/occupational readiness reviews
- Reviews and concurs with procurement packages for equipment and services

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- Maintains this Quality Program Plan with annual review and update
- Reviews and approves all test and verification plans and procedures
- Has direct access to WAG 3 and SH&QA managers.

The quality engineer has the authority to stop work when conditions or operations adverse to quality are observed.

3.10 Construction Quality Engineer and Inspectors

The construction quality engineer and inspectors are matrixed to the WAG 3 projects by the construction quality supervisor.

For the Staging, Storage, Sizing, and Treatment Facility (SSSTF), the construction quality engineer is responsible for the construction inspection planning and coordinating surveillance activities with the WAG 3 quality engineer. In addition, the construction quality engineer coordinates with the construction inspector to ensure all required inspections are completed and documented.

During construction of the SSSTF, the construction inspector(s) are responsible for performing all inspections identified in the inspection plan(s) and providing adequate documentation of those inspections. In addition, the construction inspector(s) are responsible for complying with all BBWI procedures related to inspection and qualification of inspectors.

For the ICDF project, the construction quality engineer is responsible for reviewing the surveillance/oversight plan ensuring activities addressed in the CQA Plan are adequately evaluated during performance by the CQA subcontractor. Once the surveillance/oversight plan is established, the construction quality engineer coordinates those surveillances with the construction inspectors and reports results as required by MCP-589, "Quality Assurance Surveillance," to the WAG 3 quality engineer.

The construction inspector(s) and materials laboratory technicians are responsible for subcontractor surveillance and oversight during the construction and turnover of the landfill and evaporation pond. The construction inspectors and materials laboratory technicians collect and test samples to ensure the requirements of the design are met. In addition, the construction inspector(s) are responsible for complying with all BBWI procedures related to inspection and qualification of inspectors.

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3.11 WAG 3 SH&QA Point of Contact

The WAG 3 SH&QA point of contact is responsible for ensuring that adequate SH&QA resources are available to the projects. In addition, the WAG 3 SH&QA point of contact ensures uniform application of safety and health requirements for all of WAG 3. The WAG 3 SH&QA point of contact has stop work authority when unsafe conditions or conditions adverse to quality are observed.

3.12 Health and Safety Officer

The health and safety officer is responsible to the ICDF project manager for providing health and safety support to the project. The health and safety officer has the authority to stop work when unsafe conditions or practices are observed.

3.13 Radiological Control Supervisor

The radiological control (RadCon) supervisor is responsible for assigning and coordinating radiological control personnel for WAG 3. In addition, the RadCon supervisor approves all Radiation Work Permits, reviews monitoring results, and completes other tasks identified in the *INEEL Radiological Control Manual* (Radiological Control Department 2000).

Two RadCon supervisors share the responsibility for ensuring adequate RadCon support for the ICDF Complex. The ICDF PM coordinates requests for RadCon support with both the CFA and INTEC RadCon supervisors.

3.14 ICDF Design and Construction Subcontractor

The ICDF design and construction subcontractor (ICDF subcontractor) is responsible for providing a complete, compliant design for the ICDF and a Construction QA Plan (DOE-ID 2001b). After approval of the design by BBWI and the Agencies, the ICDF subcontractor has responsibility for the construction of the ICDF that includes the landfill and evaporation pond, and successful turnover of the constructed facilities to the operating contractor.

3.15 ICDF Construction Quality Assurance Certifying Engineer

The ICDF construction quality assurance certifying engineer (CQA certifying engineer) is responsible for the completion of the CQA Plan and implementing the plan during construction and turnover of the ICDF. The CQA certifying engineer is responsible for overseeing all inspections, reviewing identified nonconforming items and corrective action verification for those nonconforming items, providing routine QA reports to BBWI and ICDF subcontractor management regarding QA issues, and day-to-day oversight of the ICDF

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subcontractor. In addition, the CQA certifying engineer is responsible for certifying to BBWI, DOE, State of Idaho, and EPA Region 10 that the facility has been constructed in accord with plans, specifications, and CQA documents approved by the various Agencies.

3.16 SSSTF Construction Subcontractor

The SSSTF construction subcontractor is responsible for the construction of the BBWI-designed SSSTF, ensuring that the facility meets the requirements specified, and subsequent turnover of that facility to BBWI.

3.17 Subcontractor Technical Representative

The subcontractor technical representative (STR) roles and responsibilities for the ICDF Complex include

- Assure technical specification/scope of work are adequate
- Initiate, route for approval, and submit requisition packages to the procurement agent
- Evaluate construction techniques, manpower, equipment, etc.
- Establish and maintain field subcontract files
- Coordinate arrangements for badges, gate passes, work and storage area access, etc.
- Coordinate approval of the subcontractor's safety program/plan and implementation plan
- Act as the primary focal point for field execution issues and day-to-day technical issues
- Provide technical clarification of scope of work, technical specifications, and other applicable documents
- Prepare a subcontractor daily activity report
- Monitor subcontractor compliance with technical requirements of the subcontract

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- Arrange and coordinate meetings with Engineering, Quality, Industrial Health, Safety, and other organizations as required to effectively manage the subcontract
- Establish and maintain a record of Change Notices issued to subcontractor
- Complete the subcontractor performance report and submit to procurement agent
- Coordinate and maintain a file of interface documents.

4. ASSOCIATED QUALITY PROGRAM DOCUMENTATION

Quality program documentation associated with the ICDF project includes

- *Quality Assurance Project Plan for Waste Area Groups 1, 2, 3, 4, 5, 6, 7, 10, and Inactive Sites, DOE/ID-10587 (DOE-ID 2000c)*
- *Records Management Plan for INEL Environmental Restoration, INEL-95/0406 (INEL 1995)*
- PLN-120, "Hazardous Material Packaging and Transportation Quality Program Plan"
- PLN-694, "Environmental Restoration Project Management Plan"
- FFA/CO, 1991, *Federal Facility Agreement and Consent Order for the Idaho National Engineering and Environmental Laboratory* (DOE-ID 1991).

5. QUALITY PROGRAM ELEMENTS

These sections follow criteria listed in 10 CFR 830 Subpart A and Attachment 1, Section B, of DOE O 414.1A, "Quality Assurance."

5.1 Criterion 1—Program

This QPP complies with INEEL quality assurance program requirements documents PRD-5070 through PRD-5093, which can be found in Manual 13A, *Quality and Requirements Management Program Documents* (Quality and Requirements Management Program 2001). Appendix A lists the procedures used to meet those requirements.

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5.2 Criterion 2—Personnel Training and Qualification

Appendix A lists the procedures used to implement the quality program for the ICDF project and identifies procedures and documents that project personnel must be aware of and follow during completion of various tasks.

5.3 Criterion 3—Quality Improvement

Processes are established and implemented to prevent problems and improve quality. Peer reviews, as well as design reviews, health-based risk assessments, safety analysis reports, and management review assessments are used to verify activities.

All personnel are authorized to identify and report nonconforming or deficient items and to stop work until corrective action is taken. Items that do not meet quality expectations are identified, documented, analyzed, resolved, and subjected to root-cause analyses, as appropriate. Deficient items or products are controlled to preclude their inadvertent use and are re-inspected and tested to the original requirements or approved alternate inspection criteria prior to being placed in service after repair, rework, or replacement. Nonconforming items are documented as specified in MCP-538, "Control of Nonconforming Items." Process conditions that are adverse to quality, real or perceived, shall be identified in a deficiency identification and resolution form as specified in MCP-598, "Corrective Action System."

Employee concerns are reported and resolved using MCP-563, "Ethics/Employee Concerns Office."

5.4 Criterion 4—Documents and Records

All original records will be maintained in the project files until project completion, unless otherwise instructed by the WAG 3 manager. These records will be retained and managed per the requirements of MCP-205, "Records Management"; INEL-95/0406, *Records Management Plan for the Environmental Restoration Program* (INEL 1995); and ER program directives and management control procedures, including MCP-204, "Administrative Record/Information Repository Procedure." One exception is the original training rosters that must be forwarded to the ER training coordinator within 5 days of completion. A copy of the rosters is maintained on-Site. Appendix A lists the procedures used to meet the document and record requirements. MCP-204 addresses records required to be included in the Information Repository. The *Federal Facility Agreement and Consent Order* (DOE-ID 1991) further defines record retention requirements.

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5.5 Criterion 5—Work Processes

Appendix A lists the procedures used to meet work process requirements. Other work processes include data validation, supplier approval of subcontractors, and oversight of subcontractor activities, including analytical laboratories. Oversight will be conducted using checklists and/or procedures. Records of oversight activities shall be retained in the project file as quality records. All work control process documents, procedures, and changes are reviewed and approved before use by INTEC and project personnel.

5.6 Criterion 6—Design

Appendix A lists the procedures used to meet the design requirements applicable to the ICDF project. The project team is responsible for the design, testing, and operation of all equipment used to complete the project. All activities will be subject to imposed procedure requirements as they relate to the quality level of the activity.

5.7 Criterion 7—Procurement

Appendix A lists the procedures that describe the methods to be used in all procurement activities including subcontract awards. All procurements and subcontractor selections made shall use BBWI procurement personnel and the current issue of the BBWI procedures manuals. Verification activities for subcontract compliance are to be performed by qualified personnel assigned by the BBWI ICDF project manager or Procurement. Verification activities performed by project team members will be commensurate with the quality level of the subcontractor's activities. Results of verification activities will be documented and retained as quality records in the project files and Central Facilities Area (CFA) 601B for receiving inspection records.

5.8 Criterion 8—Inspection and Acceptance Testing

Appendix A lists the procedures used to meet the inspection and acceptance testing requirements. The ICDF PM is responsible for the design, fabrication, testing, and operation of the ICDF. To ensure compliance with DOE/ID-10381, *Reusable Property, Recyclable Materials, and Waste Acceptance Criteria* (DOE-ID 1994), waste must be accepted by Waste Generator Services (WGS) personnel.

The ER Sample Management Office (SMO) will be used to validate data, oversee laboratory operations, and evaluate laboratory performance. All of those tasks will be done to oversee the data quality activities of associated subcontractors. The

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SMO oversight may include periodic visits to the on-Site laboratory and reviewing laboratory and the split sample results analyzed by an SMO-approved, independent laboratory. Other oversight activities will be completed as directed by the BBWI ICDF PM. For guidance in meeting quality assurance/quality control requirements, the SMO uses *DOE-ID Quality Assurance Project Plan*, DOE-ID-10587 (DOE-ID 2000c) and PLN-694.

5.9 Criterion 9—Management Assessment

Appendix A lists the procedures used to meet management assessment requirements. The ICDF PM will assess or delegate assessment of the adequacy of work performed. The results will be reviewed and deficiencies will be documented in ICARE. If deficiencies are related to work performed by a subcontractor, the ICDF PM will communicate those deficiencies in writing to the subcontractor, request corrective actions, and track the completion of any corrective actions.

5.10 Criterion 10—Independent Assessment

Appendix A lists the procedures used to meet the independent assessment requirements. Independent assessments performed by the ESH&Q personnel will include project team activities, subcontractors' work, reviews of the deliverables, and verification of the use of approved procedures in performance of all project activities. In addition, assessments done by Independent Oversight and DOE-ID will also be considered as independent assessments. All INTEC personnel may perform assessments of project activities with adequate notification to project personnel.

6. REFERENCES

10 CFR 830, 2000, Subpart A, "Quality Assurance Requirements," *Code of Federal Regulations*, Office of Federal Register, January 2000.

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Implementing Document List for the OU 3-13 Projects

Quality Element	Implementing Procedure
Criterion 1—Program	MCP-540, "Documenting the Safety Category of Structures, Systems, and Components" MCP-553, "Stop Work Authority" MCP-561, "Quality Program Plan/Quality Assurance Project Plan Development" PLN-694, "Environmental Restoration Project Management Plan" PS-1, "INEEL Policies"
Criterion 2—Personnel Training and Qualification	Individual Training Plans MCP-196, "Selection, Training, Indoctrination, and Qualification of Personnel Performing Audits" MCP-2387, "Quality Engineering Reviews"
Criterion 3—Quality Improvement	DOE-NE-STD-1004-92, "Root Cause Analysis Guidance Document" MCP-8, "Self-Assessment Process for Continuous Improvement" MCP-190, "Event Investigation and Occurrence Reporting" MCP-192, "Lessons Learned System" MCP-538, "Control of Nonconforming Items" MCP-563, "Ethics/Employee Concerns Office" MCP-598, "Corrective Action System" MCP-2547, "Identification, Reporting, and Resolution of Price-Anderson Noncompliances" MCP-9172, "Integrated Assessment Annual Planning, Scheduling, and Reviewing" STD-1113, "Causal Analysis and Corrective Action Development"

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Criterion 4—Documents and Records	MCP-200, "Preparation of Management Control Procedures" MCP-204, "Administrative Record/Information Repository Procedure" MCP-205, "Records Management" MCP-230, "Environmental Restoration Document Control Center Interface" MCP-231, "Logbooks for ER and D&D&D Projects" MCP-240, "ER/D&D&D Operational Review Board Process" MCP-244, "Chain-of-Custody, Sampling Handling, and Packaging for CERCLA Activities" MCP-557, "Managing Records" MCP-561, "Quality Program Plan/Quality Assurance Project Plan Development" MCP-2374, "Analyses and Calculations" MCP-2377, "Development, Assessment, and Maintenance of Drawings" MCP-2387, "Quality Engineering Reviews" MCP-2811, "Design Control"
Criterion 5—Work Processes	MCP-200, "Preparation of Management Control Procedures" MCP-213, "Management and Control of Environmental Restoration Baselines" MCP-231, "Logbooks for ER and D&D&D Projects" MCP-241, "Preparation of Characterization Plans" MCP-2374, "Analyses and Calculations" MCP-2811, "Design Control" MCP-2869, "Construction Project Turnover and Acceptance" MCP-3562, "Hazard Identification, Analysis, and Control of Operational Activities" MCP-9106, "Management of INEEL Projects" PLN-120, "Hazardous Material Packaging and Transportation Quality Program Plan" STD-101, "Integrated Work Control Process"
Criterion 6—Design	MCP-210, "Task Baseline Agreements and Procurement Statement of Work" MCP-240, "ER/D&D&D Operational Review Board Process" MCP-2374, "Analyses and Calculations" MCP-2377, "Development, Assessment, and Maintenance of Drawings" MCP-2811, "Design Control"

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Criterion 7—Procurement	MCP-242, "Obtaining Laboratory Services for Environment Management Funded Activities" MCP-590, "Flow-Down of Standard Procurement Quality Requirements" MCP-591, "Supplier Evaluation and Qualification" MCP-592, "Acquisition of Materials and Services" MCP-2387, "Quality Engineering Reviews" MCP-2489, "Supplier Surveillance" MCP-2871, "Estimating Project Costs" MCP-3491, "Acceptance of Procured Items and Services" MCP-3512, "Procurement Planning"
Criterion 8—Inspection and Acceptance Testing	MCP-195, "NDE Equipment and Procedure Qualification" MCP-328, "Test Plans" MCP-538, "Control of Nonconforming Items" MCP-2387, "Quality Engineering Reviews" MCP-3562, "Hazard Identification, Analysis & Control of Operational Activities"
Criterion 9—Management Assessments	DOE-NE-STD-1004-92, "Root Cause Analysis Guidance Document" MCP-8, "Self-Assessment Process for Continuous Improvement" MCP-9172, "Integrated Assessment Annual Planning, Scheduling, and Reviewing" STD-1113, "Causal Analysis and Corrective Action Development"
Criterion 10—Independent Assessments	MCP-552, "Independent Oversight Program" MCP-589, "Quality Assurance Surveillance" MCP-591, "Supplier Evaluation and Qualification" MCP-2387, "Quality Engineering Reviews" STD-1113, "Causal Analysis and Corrective Action Development"